

EEEEEEEEEEEEEEEE	VVV	VVV	LLL
EEEEEEEEEEEEEEEE	VVV	VVV	LLL
EEEEEEEEEEEEEEEE	VVV	VVV	LLL
EEE	VVV	VVV	LLL
EEE	VVV	VVV	LLL
EEE	VVV	VVV	LLL
EEE	VVV	VVV	LLL
EEE	VVV	VVV	LLL
EEE	VVV	VVV	LLL
EEE	VVV	VVV	LLL
EEEEEEEEEEEEEE	VVV	VVV	LLL
EEEEEEEEEEEEEE	VVV	VVV	LLL
EEEEEEEEEEEEEE	VVV	VVV	LLL
EEE	VVV	VVV	LLL
EEE	VVV	VVV	LLL
EEE	VVV	VVV	LLL
EEE	VVV	VVV	LLL
EEE	VVV	VVV	LLL
EEE	VVV	VVV	LLL
EEE	VVV	VVV	LLL
EEEEEEEEEEEEEE	VVV	VVV	LLL
EEEEEEEEEEEEEE	VVV	VVV	LLL
EEEEEEEEEEEEEE	VVV	VVV	LLL

FILE ID**EVLIBRARY

```
0001 0 XTITLE 'EVLIBRARY Symbol Definition Library'
0002 0 MODULE EVLIBRARY (
0003 0   LANGUAGE '(BLISS32),
0004 0   IDENT = 'V04-000'
0005 0   )
0006 0 BEGIN
0007 0
0008 0
0009 0 ****
0010 0 *
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0028 0 *
0029 0 *
0030 0 ****
0031 0
0032 0
0033 0 ++
0034 0 FACILITY: DECnet Event Logging (EVL)
0035 0
0036 0 ABSTRACT:
0037 0
0038 0   Event Logging Library of Common Definitions
0039 0
0040 0 ENVIRONMENT: VAX/VMS Operating System
0041 0
0042 0 AUTHOR: Darrell Duffy , CREATION DATE: 15-June-1980
0043 0
0044 0 MODIFIED BY:
0045 0
0046 0   V001   TMH0001   Tim Halvorsen 25-Jun-1981
0047 0   --      Remove some obsolete definitions
0048 0
```

```
0049 0 %SBTTL 'Definitions'  
0050 0  
0051 0  
0052 0 | Structure declarations used for system defined structures to  
0053 0 | save typing. These structures are byte sized.  
0054 0 | (Thanks to A. Goldstein)  
0055 0  
0056 0  
0057 0 STRUCTURE  
0058 0   BBLOCK [0, P, S, E; N] =  
0059 0     [N]  
0060 0     (BBLOCK+0)<P,S,E>.  
0061 0  
0062 0   BBLOCKVECTOR [I, 0, P, S, E; N, BS] =  
0063 0     [N*BS]  
0064 0     ((BBLOCKVECTOR+I*BS)+0)<P,S,E>  
0065 0 ;  
0066 0  
0067 0  
0068 0  
0069 0 | Macro to create a bit id value for net control qio macros  
0070 0  
0071 0 | $BITID  
0072 0 | (   
0073 0 | Component prefix LNI, NDI, OBI, DLI, ...  
0074 0 | Type of parameter V, L, S  
0075 0 | Identifier for bit  
0076 0 | )  
0077 0  
0078 0  
0079 0 MACRO  
M 0080 0   $BITID (COMP, TYP, ID) =  
M 0081 0   (   
M 0082 0     (%NAME (COMP, 'SC ', TYP, 'MASK') ) ^16 +  
M 0083 0     ( $BITPOSITION (%NAME (COMP, '$V_', TYP, '_'), ID) ) )  
M 0084 0   )  
M 0085 0 %;
```

0086 0 %SBTTL 'Equated Symbols'

0087 0
0088 0
0089 0
0090 0
0091 0
0092 0
0093 0
0094 0
0095 0
0096 0
0097 0
0098 0
0099 0

EQUATED SYMBOLS:

LITERAL

TRUE	= 1,
FALSE	= 0,
SUCCESS	= 1,
FAILURE	= 0;

END
ELUDOM

0100 0
0101 0 Version: 'V04-000'
0102 0
0103 0 *****
0104 0 *
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0122 0 *
0123 0 *
0124 0 *****
0125 0
0126 0 ++
0127 0
0128 0 NMAHEAD.B32
0129 0
0130 0 Define SEQULST macro to make library from the NMALIBRY.B32 file
0131 0
0132 0 This source is taken from the following source:
0133 0 --
0134 0 ++
0135 0
0136 0 UTLDEF.B32 - UTILITY DEFINITION MACROS FOR BLISS PROCESSING
0137 0 OF STARLET DEFINITION MACROS.
0138 0 --
0139 0
0140 0
0141 0
0142 0
0143 0 MACRO TO GENERATE EQULST CONSTRUCTS.
0144 0
0145 0 MACRO
M 0146 0 SEQULST(P,G,I,S)[A]=
M 0147 0 XNAME(P,GET1ST_ A) =
M 0148 0 XIF NUL2ND_ A
M 0149 0 XTHEN (I) + %COUNT*(S) ! ASSUMES I, S ALWAYS GENERATED BY CONVERSION PROGRAM
M 0150 0 XELSE GET2ND_ A
M 0151 0 XFI %.
M 0152 0
M 0153 0 GET1ST_(A,B)=
M 0154 0 A-%
M 0155 0 GET2ND_(A,B)=
M 0156 0 B-%. ! KNOWN NON-NULL

: M 0157 0 NUL2ND (A,B)=
: 0158 0 %NULL(B) %;
: 0159 0
: 0160 0
: 0161 0 | End of NMAHEAD
: 0162 0

0163 0 .TITLE EVLDEF Network Event Logger Definitions
0164 0 .IDENT 'V04-000'

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++
0193 0 FACILITY: DECnet-VAX Network Management Components
0194 0 for Event Logging

0196 0 ABSTRACT:

0198 0 Common Definitions for Network Management Event Logging
0199 0 These definitions are private to the EVL component.

0201 0 ENVIRONMENT: VAX/VMS Operating System

0203 0 AUTHOR: Darrell Duffy, Tim Halvorsen, 13-June-1980

0205 0 MODIFIED BY:

0207 0 V005 MKP0001 Kathy Perko 27-June-1984
0208 0 Now that OPCOM can handle more than 256 bytes, increase
0209 0 the length fields for opcom message from a byte to a word.

0211 0 V004 TMH0004 Tim Halvorsen 20-Jul-1983
0212 0 Increase amount of storage allocated for event
0213 0 transmitter NCB.

0215 0 V003 TMH0003 Tim Halvorsen 25-Jun-1981
0216 0 Add two event flag symbols.

0218 0 V002 TMH0002 Tim Halvorsen 20-Nov-1980
0219 0 Change definition of second byte of source data

0220 0 | structure in the filter database from a sink mask
0221 0 | to a sink number (which is what NML is using).
0222 0 |
0223 0 | V001 TMH0001 Tim Halvorsen 17-Nov-1980
0224 0 | Add descriptor of previous line output for
0225 0 | console formatting routines.
0226 0 |--

```

0227 0
0228 0
0229 0
0230 0
0231 0
0232 0
0233 0
0234 0
0235 0
0236 0
0237 0
0238 0
0239 0
0240 0
0241 0
0242 0
0243 0
0244 0
0245 0
0246 0
0247 0
0248 0
0249 0
0250 0
0251 0
0252 0
0253 0
0254 0
0255 0
0256 0
0257 0
0258 0
0259 0
0260 0
0261 0
0262 0
0263 0
0264 0
0265 0
0266 0
0267 0
0268 0
P 0230 0
P 0231 0
P 0232 0
P 0233 0
P 0234 0
P 0235 0
P 0236 0
P 0237 0
P 0238 0
P 0239 0
P 0240 0
P 0241 0
P 0242 0
P 0243 0
P 0244 0
P 0245 0
P 0246 0
P 0247 0
P 0248 0
P 0249 0
P 0250 0
P 0251 0
P 0252 0
P 0253 0
P 0254 0
P 0255 0
P 0256 0
P 0257 0
P 0258 0
P 0259 0
P 0260 0
P 0261 0
P 0262 0
P 0263 0
P 0264 0
P 0265 0
P 0266 0
P 0267 0
P 0268 0
| General definitions
| ...SEVLDEF
| LITERAL
| SEQLST (EVLSC_GBL,0,1
| ,(SYNCH_EFN,1) ! Event flag used for synchronous I/O
| ,(ASYNC_EFN,2) ! Event flag used for asynchronous I/O
| ,(MAXEVTCNT,200) ! Maximum number of events in a queue
| for the transmitter
| ;
| Processed event record structure
| ...SEVTDEF
| MACRO EVT$B_FUNCTION = 0,0,8,0%: ! Function code (= 1)
| MACRO EVT$B_FLAGS = 1,0,8,0%: ! Indicates which sinks receive record
| MACRO EVT$W_CODE = 2,0,16,0%: ! Event code
| MACRO EVT$V_TYPE = 2,0,6,0%: ! Event type within class (see EVCDEF)
| LITERAL EVT$M_TYPE = 1^6 - 1^0;
| MACRO EVT$V_CLASS = 2,6,9,0%: ! Event class (see EVCDEF)
| LITERAL EVT$M_CLASS = 1^15 - 1^6;
| MACRO EVT$W_JULIAN = 4,0,16,0%: ! Time: Julian half-days since 1-Jan-77
| MACRO EVT$W_SECONDS = 6,0,16,0%: ! Second within half-day
| MACRO EVT$W_MSECS = 8,0,16,0%: ! ! Milliseconds within second
| MACRO EVT$W_SRCADR = 10,0,16,0%: ! Source node address
| MACRO EVT$B_SRCNAMLEN = 12,0,8,0%: ! Source node name length
| MACRO EVT$T_SRCNAM = 13,0,8,0%: ! Source node name string (max 6 bytes)
| Event entity follows, type and ID
| Event specific data follows

```

```
0269 0
0270 0
0271 0
0272 0
0273 0 | Data block descriptor
0274 0 |
0275 0
0276 0 |...$DBKDEF
0277 0
0278 0 MACRO DBKSL_FL = 0,0,32,0%; | Forward link in queue
0279 0 MACRO DBKSL_BL = 4,0,32,0%; | Backward link in queue
0280 0 MACRO DBKSW_SIZE = 8,0,16,0%; | Size of structure
0281 0 LITERAL DBKSC_SIZE = 10;
0282 0 LITERAL DBKSK_SIZE = 10;
0283 0
0284 0 | Event Queue block
0285 0 |
0286 0
0287 0
0288 0 |...$EVQDEF
0289 0
0290 0 MACRO EVQSL_FL = 0,0,32,0%; | Forward link
0291 0 MACRO EVQSL_BL = 4,0,32,0%; | Backward link
0292 0 MACRO EVQSW_SIZE = 8,0,16,0%; | Size of structure
0293 0 MACRO EVQSW_EVTSIZE = 16,0,16,0%; | Bytes in the event
0294 0 MACRO EVQST_EVENT = 12,0,0,0%; | Start of event data
0295 0 LITERAL EVQSC_SIZE = 12;
0296 0 LITERAL EVQSK_SIZE = 12;
```

0297 0

0298 0

0299 0

0300 0

Structures used in the event transmitter

0301 0

0302 0

0303 0

0304 0

AST Parameter Control Block

0305 0

0306 0

0307 0

!...\$ASPDEF

MACRO	ASP\$L_FL	= 0,0,32,0%;	! Forward link
MACRO	ASP\$L_BL	= 4,0,32,0%;	Backward link
MACRO	ASP\$W_SIZE	= 8,0,16,0%;	Size of structure
MACRO	ASP\$W_NETCHAN	= 16,0,16,0%;	! Channel to net device
MACRO	ASP\$W_IOSB	= 12,0,16,0%;	IO status block
MACRO	ASP\$W_IOSB1	= 14,0,16,0%;	! Remainder of iosb
MACRO	ASP\$L_IOSB2	= 16,0,32,0%;	
MACRO	ASP\$L_ROUTINE	= 20,0,32,0%;	! address of routine to perform
MACRO	ASP\$T_DATA	= 24,0,0,0%;	! Data area address
LITERAL	ASP\$C_SIZE	= 24;	
LITERAL	ASP\$K_SIZE	= 24;	

0319 0

Sink control block structure, provides the context for
the outgoing logical links from the event transmitter.

0320 0

0321 0

0322 0

0323 0

0324 0

!...\$SNKDEF

MACRO	SNK\$L_FL	= 0,0,32,0%;	! Forward link
MACRO	SNK\$L_BL	= 4,0,32,0%;	Backward link
MACRO	SNK\$W_SIZE	= 8,0,16,0%;	Size of structure
MACRO	SNK\$W_NETCHAN	= 16,0,16,0%;	! Channel to net device
MACRO	SNK\$W_IOSB	= 12,0,16,0%;	IO status block
MACRO	SNK\$W_IOSB1	= 14,0,16,0%;	! Remainder of iosb
MACRO	SNK\$L_IOSB2	= 16,0,32,0%;	
MACRO	SNK\$L_ROUTINE	= 20,0,32,0%;	! address of routine to perform
MACRO	SNK\$L_SNKADR	= 24,0,32,0%;	Address of sink node
MACRO	SNK\$L_SRCFL	= 28,0,32,0%;	! Head of source list
MACRO	SNK\$L_SRCBL	= 32,0,32,0%;	
MACRO	SNK\$L_EVTFL	= 36,0,32,0%;	! Head of event queue
MACRO	SNK\$L_EVTBL	= 40,0,32,0%;	
MACRO	SNK\$W_EVTCNT	= 44,0,16,0%;	! Number of events on the queue
MACRO	SNK\$B_STATUS	= 46,0,8,0%;	! Status of logical link to node
MACRO	SNK\$V_STS_OPN	= 46,0,1,0%;	
LITERAL	SNK\$M_STS_OPN	= 1^1 - 1^0;	! Link is open
MACRO	SNK\$V_STS_BSY	= 46,1,1,0%;	! Some action in progress
LITERAL	SNK\$M_STS_BSY	= 1^2 - 1^1;	
MACRO	SNK\$V_STS_BKD	= 46,2,1,0%;	! Back door in use
LITERAL	SNK\$M_STS_BKD	= 1^3 - 1^2;	
MACRO	SNK\$V_STS_DEL	= 46,3,1,0%;	! Delete on close
LITERAL	SNK\$M_STS_DEL	= 1^4 - 1^3;	
MACRO	SNK\$V_STS_CLS	= 46,4,1,0%;	! Close and delete
LITERAL	SNK\$M_STS_CLS	= 1^5 - 1^4;	
MACRO	SNK\$V_STS_TMR	= 46,5,1,0%;	! Close on non-use timer outstanding

0354 0	LITERAL	SNKSM_STS_TMR	= 1^6 - 1^5;	
0355 0				
0356 0	MACRO	SNK\$B_SNKLOS	= 47,0,8,0%;	! Sink mask for lost events
0357 0	MACRO	SNK\$L_SNKLEN	= 48,0,32,0%;	! Descriptor of ncb
0358 0	MACRO	SNK\$A_SNKNCB	= 52,0,32,0%;	
0359 0	MACRO	SNK\$T_SNKNCB	= 56,0,0,0%;	! NCB of link
0360 0	LITERAL	SNK\$S_SNKNCB	= 64;	
0361 0	LITERAL	SNK\$C_SIZE	= 120;	
0362 0	LITERAL	SNK\$K_SIZE	= 120;	

0363 0

0364 0

0365 0

0366 0

0367 0

0368 0

0369 0

0370 0

Source descriptor block

!...\$SRCDEF

MACRO

SRC\$L_FL = 0,0,32,0%;
MACRO SRC\$L_BL = 4,0,32,0%;
MACRO SRC\$W_SIZE = 8,0,16,0%;
MACRO SRC\$B_SNKTYPE = 16,0,8,0%;
MACRO SRC\$B_SRCTYP = 11,0,8,0%;
MACRO SRC\$T_SRCID = 12,0,0,0%;
LITERAL SRC\$S_SRCID = 18;
MACRO SRC\$W_FILTERS = 30,0,16,0%;
MACRO SRC\$T_FILTERS = 32,0,0,0%;
LITERAL SRC\$C_SIZE = 32;
LITERAL SRC\$K_SIZE = 32;! Forward link
! Backward link
! Size of structure! Sink type
! Source type code
! Source name
! Number of filters
! Start of filters

0382 0

0383 0

0384 0

0385 0

0386 0

Filter descriptor

!...\$FLTDEF

MACRO

FLT\$W_CLASS = 0,0,16,0%; ! Class of event
MACRO FLT\$V_CLASS = 0,0,9,0%; ! Class code
LITERAL FLT\$M_CLASS = 1^9 - 1^0;
MACRO FLT\$V_WLDCOD = 0,14,2,0%; ! Wild card code
LITERAL FLT\$M_WLDCOD = 1^16 - 1^14;
MACRO FLT\$Q_TYPESLOG = 4,0,0,0%; ! Type mask to log
LITERAL FLT\$S_TYPESLOG = 8;
MACRO FLT\$Q_TYPESFIL = 12,0,0,0%; ! Type mask to filter
LITERAL FLT\$S_TYPESFIL = 8;
LITERAL FLT\$C_SIZE = 20;
LITERAL FLT\$K_SIZE = 20;

! Class of event

! Class code

! Wild card code

! Type mask to log

! Type mask to filter

0402 0
0403 0
0404 0
0405 0
0406 0 ! Define structures used by the receiver
0407 0 !
0408 0
0409 0
0410 0 ! Define sink type descriptor block
0411 0 !
0412 0
0413 0 !...\$SINKDEF
0414 0
0415 0 MACRO SINK\$L_LINK = 0,0,32,0%; ! Queue links
0416 0 MACRO SINK\$L_BLINK = 4,0,32,0%;
0417 0 MACRO SINK\$B_TYPE = 8,0,8,0%; ! Type of sink
0418 0 LITERAL
P 0419 0 SEQULST (SINK\$C_GBL,0,1
P 0420 0 , (ACTIVE,254) ! Active sink types
P 0421 0 , (KNOWN,255) ! Known sink types
P 0422 0 , (CONSOLE,1) ! Console sink
P 0423 0 , (FILE,2) ! File sink
P 0424 0 , (MONITOR,3) ! Monitor process sink
0425 0 ;:
0426 0 MACRO SINK\$B_STATE = 9,0,8,0%;
0427 0 LITERAL
P 0428 0 SEQULST (SINK\$C_GBL,0,1
P 0429 0 , (ON,) ! Sink is on
P 0430 0 , (OFF,) ! Sink is off, ignore all events
P 0431 0 , (HOLD,) ! Sink is holding all events until turned on
0432 0 ;:
0433 0 MACRO SINK\$W_EVENTS = 10,0,16,0%; ! Number of events on queue
0434 0 MACRO SINK\$L_EVTFL = 12,0,32,0%; ! Queue head of event data blocks
0435 0 MACRO SINK\$L_EVTBL = 16,0,32,0%;
0436 0 MACRO SINK\$B_FLAGS = 20,0,8,0%; ! Flags
0437 0
0438 0 MACRO SINK\$V_DELETE = 20,0,1,0%; ! Indicates sink should be deleted when the
0439 0 LITERAL SINK\$M_DELETE = 1^1 - 1^0;
0440 0 ! events queued for this sink are output
0441 0 MACRO SINK\$V_ERROR = 20,1,1,0%; ! "error" state! all events are ignored to
0442 0 LITERAL SINK\$M_ERROR = 1^2 - 1^1;
0443 0 ! this sink until a data base change
0444 0
0445 0 MACRO SINK\$W_MAXBUFSIZ = 22,0,16,0%; ! Maximum size of buffer (OPCOM monitor only)
0446 0 MACRO SINK\$W_BUFLEN = 24,0,16,0%; ! Bytes currently in buffer (OPCOM monitor only)
0447 0 MACRO SINK\$L_BUFFER = 26,0,32,0%; ! Address of buffer (OPCOM monitor only)
0448 0 MACRO SINK\$L_RAB = 30,0,32,0%; ! Address of RAB/FAB storage block (file only)
0449 0 MACRO SINK\$W_CHANNEL = 30,0,16,0%; ! Channel for I/O (monitor only)
0450 0 MACRO SINK\$L_CLOSERTN = 34,0,32,0%; ! Address of routine to perform close
0451 0 ! nonzero if sink has been initialized
0452 0 MACRO SINK\$W_IOSB = 38,0,16,0%; ! I/O status block specific to this sink
0453 0 MACRO SINK\$W_IOSB1 = 40,0,16,0%;
0454 0 MACRO SINK\$L_IOSB2 = 42,0,32,0%;
0455 0 MACRO SINK\$B_NAMELEN = 46,0,8,0%; ! Length of sink name string
0456 0 MACRO SINK\$T_NAME = 47,0,0,0%; ! Sink name string
0457 0 LITERAL
0458 0 LITERAL SINK\$C_LENGTH = 255;
SINK\$C_LENGTH = 302;

0459 0 LITERAL SINK\$K_LENGTH = 302; ! Length of sink descriptor block
0460 0
0461 0
0462 0 | Define incoming event channel context block
0463 0 |
0464 0
0465 0 !...\$IECDEF
0466 0
0467 0 MACRO IEC\$L_LINK = 0,0,32,0%; Forward link
0468 0 MACRO IEC\$L_BLINK = 4,0,32,0%; Backward link
0469 0 MACRO IEC\$W_SIZE = 8,0,16,0%; Size of entire structure
0470 0 MACRO IEC\$W_CHAN = 10,0,16,0%; Network incoming channel number
0471 0 MACRO IEC\$W_IOSB = 12,0,16,0%; I/O status block
0472 0 MACRO IEC\$W_IOSB1 = 14,0,16,0%;
0473 0 MACRO IEC\$L_IOSB2 = 16,0,32,0%;
0474 0 MACRO IEC\$B_NCBLEN = 20,0,8,0%; | Length of NCB
0475 0 MACRO IEC\$T_NCB = 21,0,0,0%; | NCB for incoming link
0476 0 LITERAL IEC\$S_NCB = 64;
0477 0 LITERAL IEC\$C_MAXNCBLEN = 64;
0478 0 MACRO IEC\$T_EVENT = 85,0,0,0%; ! Buffer for event record
0479 0 LITERAL IEC\$S_EVENT = 250;
0480 0 LITERAL IEC\$C_MAXEVTLEN = 250;
0481 0 LITERAL IEC\$C_LENGTH = 335;
0482 0 LITERAL IEC\$K_LENGTH = 335; ! Fixed length of structure

0483 0
0484 0
0485 0
0486 0
0487 0 | Define the bits for controlling messages to the batch log
0488 0 | of the event processor.
0489 0 |
0490 0 |
0491 0 |...SELGDEF
0492 0 |
0493 0 |
0494 0 |
0495 0 MACRO ELG\$V_DBUPDAT = 0,0,1,0%; ! Data base updates for transmit or receive
0496 0 LITERAL ELG\$M_DBUPDAT = 1^1 - 1^0;
0497 0 MACRO ELG\$V_SNKOPN = 0,1,1,0%; ! Link to sink node opened
0498 0 LITERAL ELG\$M_SNKOPN = 1^2 - 1^1;
0499 0 MACRO ELG\$V_RCVCCF = 0,2,1,0%; ! Link confirmed by receiver
0500 0 LITERAL ELG\$M_RCVCCF = 1^3 - 1^2;
0501 0 MACRO ELG\$V_MONOPN = 0,3,1,0%; ! Link opened to event monitor
0502 0 LITERAL ELG\$M_MONOPN = 1^4 - 1^3;
0503 0 MACRO ELG\$V_RAWEVT = 0,4,1,0%; ! Text of raw event
0504 0 LITERAL ELG\$M_RAWEVT = 1^5 - 1^4;
0505 0 MACRO ELG\$V_QUEEVT = 0,5,1,0%; ! Text of event queued to sink
0506 0 LITERAL ELG\$M_QUEEVT = 1^6 - 1^5;
0507 0 MACRO ELG\$V_RCVEVT = 0,6,1,0%; ! Text of event received by receiver
0508 0 LITERAL ELG\$M_RCVEVT = 1^7 - 1^6;
0509 0 |
0510 0 |
0511 0 |
0512 0 |
0513 0 |
0514 0 | Counter descriptor list entry
0515 0 |
0516 0 |
0517 0 |
0518 0 |...\$CTBDEF
0519 0 |
0520 0 MACRO CTB\$W_PCODE = 0,0,16,0%; ! Parameter code for counter
0521 0 MACRO CTB\$W_OFFSET = 2,0,16,0%; ! Offset in counter block
0522 0 MACRO CTB\$B_WIDTH = 4,0,8,0%; ! Width of counter in bits
0523 0 MACRO CTB\$B_ADDQ = 5,0,8,0%; ! True for accumulate counter
0524 0 MACRO CTB\$W_BITMAP = 6,0,16,0%; ! Bitmap mask for this counter
0525 0 |
0526 0 LITERAL CTB\$C_SIZE = 8; ! Total size of structure
0527 0 LITERAL CTB\$K_SIZE = 8;
0528 0 |
0529 0 |
0530 0 |
0531 0 | Line id conversion table entry
0532 0 |
0533 0 |
0534 0 |...\$VDLDEF ! VMS to DNA Line table
0535 0 |
0536 0 MACRO VDL\$A_VMS = 0,0,32,0%; ! Address of vms name counted string
0537 0 MACRO VDL\$A_DNA = 4,0,32,0%; ! Address of dna name counted string
0538 0 MACRO VDL\$B_TYP = 8,0,8,0%; ! Type mask for
0539 0 |

0540 0	MACRO	VDL\$V_PNT	= 8,0,1,0%;	
0541 0	LITERAL	VDL\$M_PNT	= 1^1 - 1^0;	! point to point lines
0542 0	MACRO	VDL\$V_MUX	= 8,1,1,0%;	
0543 0	LITERAL	VDL\$M_MUX	= 1^2 - 1^1;	! multiplexed lines
0544 0	MACRO	VDL\$V_MPT	= 8,2,1,0%;	
0545 0	LITERAL	VDL\$M_MPT	= 1^3 - 1^2;	! multipoint lines
0546 0				
0547 0	MACRO	VDL\$B_COEF	= 9,0,8,0%;	
0548 0			! Unit = vms unit / coef	
0549 0			! trib = vms unit mod coef	
0550 0	LITERAL	VDL\$C_SIZE	= 10;	
0551 0	LITERAL	VDL\$K_SIZE	= 10;	! size of structure
0552 0				
0553 0				
0554 0				
0555 0				
0556 0				
0557 0				
0558 0				
0559 0				
0560 0	MACRO	IOSB\$W_STS	= 0,0,16,0%;	
0561 0	MACRO	IOSB\$W_CNT	= 2,0,16,0%;	! Primary status
0562 0	MACRO	IOSB\$W_STS2	= 4,0,16,0%;	Normally size of transfer
0563 0	MACRO	IOSB\$W_STS3	= 6,0,16,0%;	Secondary status
0564 0	LITERAL	IOSB\$C_SIZE	= 8;	! Tertiary status
0565 0	LITERAL	IOSB\$K_SIZE	= 8;	
0566 0				
0567 0				
0568 0				
0569 0				
0570 0				

! IOSB fields

!...\$IOSBDEF

! End of EVLDEF.MDL

0571 0
0572 0 Version: 'V04-000'
0573 0
0574 0
0575 0
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0593 0
0594 0
0595 0 *
0596 0
0597 0 ++
0598 0 NMATAIL.B32
0599 0
0600 0 Source to undeclare the macros required for the precompile of
0601 0 NMALIBRY.B32 so they do not appear in the library.
0602 0 --
0603 0
0604 0
0605 0 UNDECLARE %QUOTE SEQULST,
0606 0 %QUOTE GET1ST,
0607 0 %QUOTE GET2ND,
0608 0 %QUOTE NUL2ND
0609 0 ;
0610 0
0611 0 | End of NMATAIL.B32
0612 0
0613 0

COMMAND QUALIFIERS

BLISS/LIBRARY=LIBS:EVLIBRARY/LIST=LISS:EVLIBRARY SRCS:EVLIBRARY+SRCS:LIBHEAD+LIBS:EVLDEF+SRCS:LIBTAIL

: Run Time: 00:05.8
: Elapsed Time: 00:10.2
: Lines/CPU Min: 6308

: Lexemes/CPU-Min: 32531
: Memory Used: 46 pages
: Library Precompilation Complete

0156 AH-BT13A-SE
VAX/VMS V4.0

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